

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.:	10/553,332	)	Confirmation No.:	1070
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Applicant:	Graeme Mein	)	Group Art Unit:	3643
		)		
Filed:	August 1, 2006	)	Examiner:	HAYES, KRISTEN C
		)		
Docket No.:	5458ST-1	)		
		)		
For:	“SENSOR APPARATUS FOR	)		
	EXTRACTION MACHINERY	)		
	FOR MILKING MAMMALS”	)		

*Submitted Via Electronic Filing*

**RESPONSE TO INTERVIEW SUMMARY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants submit this Response to Interview Summary to address the Interview Summary having a mailing date of May 14, 2009. The Applicants would like to thank Examiner Hayes for the courtesies extended during the telephonic interview held on May 6, 2009. During the course of the interview, the distinctions between the claims and the outstanding prior art rejections based on U.S. Patent No. 4,344,385 to Swanson *et al.* (“Swanson”), NL 1020805 (equivalent U.S. Patent No. 6,686,492 to Van den Berg *et al.* (“Van den Berg”), and U.S. Patent No. 4,011,838 to Nordegren *et al.* (“Nordegren”), U.S. Patent No. 4,572,104 to Rubino (“Rubino”), U.S. Patent No. 6,170,434 to Seabourne (“Seabourne”), and U.S. Published Application No. 2006/10124064 to Fullam *et al.* (“Fullam”) were discussed. The claim amendments and arguments presented in the Amendment and Response filed on March 13, 2009 were also discussed. No agreement was reached with regard to the allowability of the claims.

In further response to the interview, the Applicants would like to clarify that the claimed invention does not require a single sensor forming a serial extension of the single collection line. Rather, a plurality of sensors may form a serial extension of the single collection line. (pg. 8, ll. 5-7, stating “The sensor or sensors employed can preferably be exposed to milk travelling down the single milk collection line to sample, test, or analyse same.”). In addition, pg. 8, ll. 18-22

refer to the large variety of properties of the milk extracted and delivered into the single collection line that may be desirable for detection using the sensor apparatus. As such, a plurality of sensors detecting different properties of the milk may form a serial extension of the single collection line as claimed.

Although Applicants do not believe that any fees are due based upon the filing of this Response to Interview Summary, please charge any such fees to Deposit Account 19-1970.

Respectfully submitted,

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